

Science

Instruction, Assessment and Evaluation

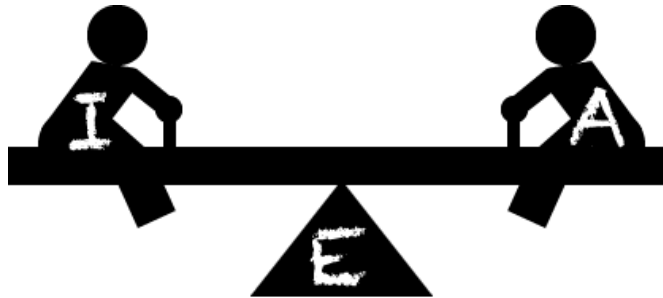
Balanced Evaluation

Instruction is the process by which information is shared with students. There are many instructional approaches but all involve moving students through three stages:

1. acquiring information
2. making meaning of information
3. transferring information.

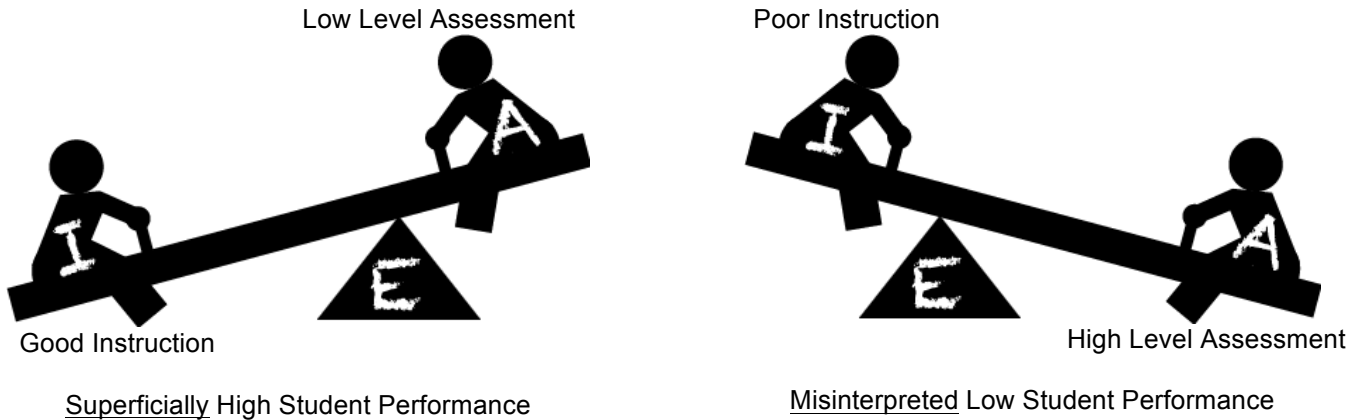
Assessment measures both the successfulness of instruction and the level of student understanding.

- Successfulness of Instruction is reflected in knowledge level questions.
- Level of Student Understanding is reflected in comprehension and application level questions.



Evaluation

is the assignment of a grade that reflects the balance between instruction and assessment.



Is the evaluation of your instruction and assessment properly balanced? A proper evaluation requires that the standard grading scale (70% is passing) be adjusted to compensate for both instruction and assessment. Neither Instruction nor Assessment stand-alone. Both must be evaluated in order to determine a fair and appropriate grading scale.

Evaluation Checklist

Instruction	Assessment
<ul style="list-style-type: none"> • strong team leadership • knowledgeable instructional team <ul style="list-style-type: none"> • well designed curriculum (purposefulness and connectedness) • aligned instruction across all classrooms • models how to make meaning and transfer • in-depth review of all previous assessments 	<ul style="list-style-type: none"> • clear and upfront expectations <ul style="list-style-type: none"> • balanced cognitively (knowledge, comprehension and application) • precise verbiage • no double jeopardy • direct correlation between topics and instructional time. <ul style="list-style-type: none"> • appropriate level